

CERES SCF STATUS

| <i>Description</i> | <i>August 11, 2004 Status</i> | <i>Problems</i> |
|--|---|-----------------|
| SUN Upgrades | No new updates. | |
| SGI Upgrades | No new updates. | |
| MAC Upgrades | No new updates. | |
| PC Upgrades | No new updates. | |
| Thunder, Lightning & Lanina | <p>The AC unit that services the computer server room has not experienced any problems during the past reporting period. The AC repairs performed during the previous reporting period fixed the cooling problems.</p> <p>The NFS partition /CERES/instrument-f was exported from the Macintosh bo-g and is available for the instrument group.</p> <p>Disk 4 on controller 9 on <i>thunder</i> was discovered to be non-operational on Monday morning. This disk was reseated and made operational again. The System Administration team continues to monitor this disk for possible problems.</p> <p>The CERES testbed OS/Compilers test schedule, as previously revised, is shown below.</p> <p>1.) Inversion (Complete) Sandy has completed testing of the Inversion subsystem. No problems were reported.</p> <p>2.) Instrument (Complete) Denise has completed testing of the Instrument subsystem. No problems were reported.</p> <p>3.) Clouds (In progress) Walt is in the process of testing at this time.</p> <p>4.) SARB (In progress) Scott is in the process of testing at this time.</p> <p>5.) GGEO (In progress) Joe is in the process of testing at this time.</p> <p>6.) TISA (Complete) Raja has completed testing.</p> | |

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|--|--|-----------------|---------|--|--|-------|-------|--|--|---------|----------|--|--|---------|-------|--|--|-----|-------|--|--|-----|---------|--|--|-------|------------|--|--|-------|----------|-----|-----|-------|-------|------|-------|-----|-----------|----|-------|-------|-----------|-----|-------|-------|-----------|----|-------|--|
| Thunder, Lightning & Lanina | 7.) ERBELIKE (Complete) Dale has completed testing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Security | <p>A non-CERES system managed by the CERES System Administration team received an FTP attack this past reporting period. The CERES FTP servers were examined to verify they were not effect by this FTP attack.</p> <p>The SAs downloaded the latest version of Putty (version 0.55) and made it available on <i>typhoon</i>. This was in response to a vulnerability which would allow a malicious server to execute arbitrary code on the client system. Email was sent to all Windows users informing them that their older versions of Putty required upgrading. The users were advised that they could download the latest version from <i>typhoon</i>; however, if they had problems to send in a ticket and one of the SAs would install the software for them.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toolkit | <p>No new updates.</p> <p>Prior Info: The latest tested version of the toolkit is version 2.9.v1.00. The latest version of the toolkit installed but not tested is version 2.10.v1.00. This chart reflects the latest tested version of the toolkit by the CERES subsystems.</p> <table><tr><td>Software</td><td>Version</td><td></td><td></td></tr><tr><td>-----</td><td>-----</td><td></td><td></td></tr><tr><td>HDF-EOS</td><td>2.9v1.00</td><td></td><td></td></tr><tr><td>HDF-EOS</td><td>5.1.5</td><td></td><td></td></tr><tr><td>HDF</td><td>4.1r5</td><td></td><td></td></tr><tr><td>HDF</td><td>5-1.4.4</td><td></td><td></td></tr><tr><td>SDPTK</td><td>5.2.9v1.00</td><td></td><td></td></tr></table> <table><tr><td>BRAND</td><td>COMPILER</td><td>ABI</td><td>ISA</td></tr><tr><td>-----</td><td>-----</td><td>----</td><td>-----</td></tr><tr><td>sgi</td><td>f95 (NAG)</td><td>64</td><td>mips4</td></tr><tr><td>sgi32</td><td>f90 (SGI)</td><td>n32</td><td>mips3</td></tr><tr><td>sgi64</td><td>f90 (SGI)</td><td>64</td><td>mips4</td></tr></table> | Software | Version | | | ----- | ----- | | | HDF-EOS | 2.9v1.00 | | | HDF-EOS | 5.1.5 | | | HDF | 4.1r5 | | | HDF | 5-1.4.4 | | | SDPTK | 5.2.9v1.00 | | | BRAND | COMPILER | ABI | ISA | ----- | ----- | ---- | ----- | sgi | f95 (NAG) | 64 | mips4 | sgi32 | f90 (SGI) | n32 | mips3 | sgi64 | f90 (SGI) | 64 | mips4 | |
| Software | Version | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDF-EOS | 2.9v1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDF-EOS | 5.1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDF | 4.1r5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDF | 5-1.4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SDPTK | 5.2.9v1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRAND | COMPILER | ABI | ISA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | ----- | ---- | ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sgi | f95 (NAG) | 64 | mips4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sgi32 | f90 (SGI) | n32 | mips3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sgi64 | f90 (SGI) | 64 | mips4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DMSS Transfer | No new updates. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CERESlib | No new updates. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CERES SCF/DAAC Server Information

| Server Name: | Asdsun | Thunder | Lightning | Lanina | ctb-g | Samantha ¹ | Warlock | Darrin |
|--------------------------|---------------|----------------|----------------|----------------|----------------|-----------------------|----------------|----------------|
| <i>System Type</i> | Sun Fire V880 | Origin 3800 | Origin 3800 | Origin 3800 | Octane | Origin 2000 | Origin 3800 | Origin 2000 |
| <i>Operating System</i> | Solaris 8 | IRIX64 6.5.16m | IRIX64 6.5.16m | IRIX64 6.5.16m | IRIX64 6.5.22m | IRIX64 6.5.18m | IRIX64 6.5.17m | IRIX64 6.5.22m |
| <i>Fortran compilers</i> | SUNWspro 4.0 | 7.3.1.3m | 7.3.1.3m | 7.3.1.3m | 7.4 | 7.3.1.3m | 7.3.1.3m | 7.4 |
| <i>Toolkit (default)</i> | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | | TK5.2.7v1 | TK5.2.7v1 |
| <i>Toolkit (other)</i> | | TK5.2.9v1 | TK5.2.9v1 | TK5.2.9v1 | TK5.2.9v1 | | TK5.2.9v1 | |
| <i>Ada</i> | N/A | 1.3 | 1.3 | 1.3 | 1.3 | | 1.3 | 1.3 |
| <i>IDL</i> | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 (demo mode) | 5.5 | 5.3 |
| <i>NAG fortran 95</i> | 1.0(439) | 1.0(428) | 1.0(428) | 1.0(428) | 1.0(428) | Removed | 1.0(428) | 1.0(428) |
| <i>HDF</i> | 4.1.r3 | 4.1.r3 | 4.1.r3 | 4.1.r3 | 4.1.r3 | | 4.1.r3 | |
| <i>Proposed upgrades</i> | None | None | None | None | None | None | None | |
| <i>Problems</i> | None | None | None | None | None | None | None | None |

1. New *samantha* (previously *trance*).

NOTES:

Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder*, *lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): 07/12/04